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Methods for Geodetic Support of a Complex of High-Precision Wide-Area Functional Augmentation to the System for Differential Correction and Monitoring (SDCM)

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Abstract. The report analyzes the experience of geodetic support of the GLONASS High-Precision Wide-Area Functional Augmentation Complex and makes proposals for the development of methods and means of geodetic support. The main task for the development of geodetic support for the Complex of high-precision wide-area functional addition to GLONASS is the development of national special software for determining the coordinates of points on the earth's surface in the International Terrestrial Reference System ITRS and the creation of a national service for geodynamic monitoring of the territory of the Russian Federation.

Keywords: Complex of high-precision wide-area functional addition to GNSS GLONASS, SDCM, PZ-90.11, ITRS, ITRE, geodynamic aspects

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